

## EAST Search History

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| L1    | 2018  | 385/115,119.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/20 17:14 |
| L2    | 2018  | L1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/20 17:14 |
| L3    | 260   | 2 and (grat\$3 groove)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/20 17:14 |
| L4    | 23    | 2 and ((grat\$3 groove) with (decreas\$3 smaller shorter increas\$3))                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/20 17:15 |
| L5    | 2928  | (light adj guide) with (groov\$2 corrugat\$3 grat\$3 jagged ridge)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/20 17:17 |
| L6    | 930   | 5 and (smaller shorter)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/20 17:17 |
| L7    | 55750 | (light adj guide)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/20 17:17 |
| L8    | 540   | 7 and ((groov\$2 corrugat\$3 grat\$3 jagged ridge) with (smaller shorter))                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/20 17:17 |
| L9    | 10    | 7 and ((groov\$2 corrugat\$3 grat\$3 jagged ridge) with (decreas\$3 with height))             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/20 17:19 |
| L10   | 50    | 7 and ((groov\$2 corrugat\$3 grat\$3 jagged ridge) with (decreas\$3 with height (shallower))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/20 17:27 |

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|-----|-----|---|---|----|----|------------------|
| L12 | 958 | (optical adj (printhead "print-head" (print adj head))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 17:28 |
| L13 | 5   | 12 and (photosensitive with prism)                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 17:28 |
| L14 | 103 | (optical adj printhead)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 18:45 |
| L15 | 958 | optical adj (printhead print-head (print adj head))     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 18:45 |
| L16 | 0   | 15 and (prism with (recess protrusion))                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 18:45 |
| L17 | 16  | 15 and prism  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 18:46 |
| L18 | 624 | 347/241-242.ccls.                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 18:46 |
| L19 | 24  | 18 and groove.clm.                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 18:46 |
| L20 | 0   | 19 and counter.clm.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 18:46 |
| L21 | 30  | 18 and guide.clm.                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 18:47 |

## EAST Search History

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|-----|---|-------------------|---|----|----|------------------|
| L22 | 3 | 21 and prism.clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/20 18:47 |
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## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S2    | 475  | 347/241.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/30 10:34 |
| S9    | 31   | S8 and (printhead (print-head) (print adj head))                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/20 17:14 |
| S60   | 2658 | (light adj guide) with (groov\$2 corrugat\$3 grat\$3 jagged ridge)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/20 17:16 |
| S66   | 487  | 347/241.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/30 10:34 |
| S67   | 487  | S66   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/30 10:34 |
| S68   | 955  | optical adj (printhead print-head (print adj head))                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/20 18:45 |
| S69   | 955  | S68   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/30 10:35 |
| S70   | 419  | S68 and (light-emitting-diode "LED" (light adj emitting adj diode)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/30 10:35 |
| S71   | 41   | S70 and guide   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/30 10:35 |
| S72   | 41   | S71   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/30 10:50 |